

653/3

Patent  
Attorney's Docket No. 002010-596

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Thorsett, et al.

Application No.: 09/987,619

Filed: November 15, 2001

For: CARBAMYL COMPOUNDS WHICH  
INHIBIT LEUKOCYTE ADHESION  
MEDIATED BY VLA-4

Group Art Unit: Unassigned

Examiner: Unassigned

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TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

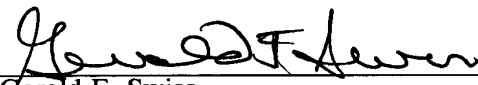
- ☒ [x] No additional fee for submission of an IDS is required.
- ☐ [ ] The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [ ] A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [ ] A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ [ ] Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ [ ] A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By:   
Gerald F. Swiss  
Registration No. 30,113

Date:



IDS/#3  
J 2/23/02

Patent  
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**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

Pursuant to 37 C.F.R. § 1.98.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or certification is required under 37 C.F.R. § 1.97(b). In the event that an Office Action is mailed prior to receipt of this paper, the Commissioner is hereby authorized to charge the requisite fees to Deposit Account No. 02-4800.

**U.S. Patents/Applications**

<u>Patent/Application No.</u>	<u>Date</u>	<u>Name</u>
4,018,912	4/77	Okamoto, et al.
4,018,913	4/77	Okamoto, et al.
4,018,915	4/77	Okamoto, et al.
4,036,955	7/77	Okamoto, et al.

4,041,156	8/77	Okamoto, et al.
4,046,876	9/77	Okamoto, et al.
4,055,636	10/77	Okamoto, et al.
4,055,651	10/77	Okamoto, et al.
4,069,318	1/78	Okamoto, et al.
4,070,457	1/78	Okamoto, et al.
4,071,621	1/78	Okamoto, et al.
4,073,914	2/78	Kikumoto, et al.
4,074,057	2/78	Kawamatsu, et al.
4,096,255	6/78	Kikumoto, et al.
4,097,591	7/78	Okamoto, et al.
4,104,392	8/78	Okamoto, et al.
4,977,168	12/90	Bernat, et al.
5,338,755	8/16/94	Wagnon, et al.
5,397,801	3/14/95	Wagnon, et al.
5,481,005	1/2/96	Wagnon, et al.
5,578,633	11/26/96	Wagnon, et al.
5,686,628	11/11/97	Veale, et al.
60/022,890	7/96	Lin, et al.
60/032,786	12/96	Lin, et al.
60/047,856	5/97	Durette, et al.
60/047,954	5/97	Durette, et al.
60/048, 017	3/97	Durette, et al.
60/066,525	11/97	Durette, et al.
60/066,787	11/97	Durette, et al.
60/066,831	11/97	Durette, et al.
60/086,241	3/97	He, et al.
08/821,825	3/97	He, et al.

**Foreign Patent/Applications**

<u>Application No.</u>	<u>Date</u>	<u>Country</u>
WO 92/16549	10/1/92	PCT
WO 94/07815	4/14/94	PCT
WO 94/12181	6/9/94	PCT
WO 95/15973	6/15/95	PCT
WO 96/20725	7/11/96	PCT
WO 96/20949	7/11/96	PCT
WO 96/22966	8/1/96	PCT
WO 97/03094	1/30/97	PCT
WO 98/04247	2/5/98	PCT
WO 98/42656	10/1/98	PCT
WO 98/53814	12/3/98	PCT
WO 98/53817	12/3/98	PCT
WO 98/53818	12/3/98	PCT
WO 98/54207	12/3/98	PCT
WO 99/10312	3/4/99	PCT
WO 99/10313	3/4/99	PCT
AU 6147073	4/17/75	Australia
DE 2357334	6/6/74	Germany
DE 2655636	6/23/77	Germany
EP 0526348	2/3/93	Europe
9711143.9	5/30/97	GB
9714314.3	7/7/97	GB
9714316.8	7/7/97	GB
9714335.8	7/7/97	GB
9722674.0	10/27/97	GB
9800680.2	1/14/98	GB

9800684.4	1/14/98	GB
9800686.9	1/14/98	GB
JP 04154732	5/27/92	Japan

**Non-Patent Literature**

Simanis et al., *Int. J. Pept. Protein Res.*, (1982), 16:(1), pp. 67-70.

Leibritz, et al., *Tetrahedron* (1982), 38(14), pp. 2165-2181.

El-Naggar, et al., *Acta. Pharm. Jugosl.*, (1985), 35(1), pp. 15-22.

Chemical Abstract No. 126040, Vol. 74, No. 23 (6/7/71)

Chemical Abstract No. 176262, Vol. 99, No. 21 (11/21/83)

Chemical Abstract No. 210288, Vol. 106, No. 25 (6/22/87)

Chemical Abstract No. 167952, Vol. 108, No. 19 (5/9/88)

Chemical Abstract No. 34164, Vol. 125, No. 3 (7/15/96)

Copies of the documents above were previously submitted in prior application Serial No. 09/126,958, filed July 31, 1998, upon which applicants rely for the benefits provided in 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of the above-listed documents are not included.

While this Information Disclosure Statement may contain "material" information pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" to the invention disclosed and claimed in the above-referenced application unless specifically designated as such.

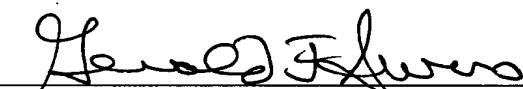
Applicants specifically reserve the right, where appropriate, to antedate any such reference by the appropriate showing under 37 C.F.R. § 1.131 and § 1.608, or any other appropriate means.

This Information Disclosure Statement is not a representation that a search has been made or that no other information material to the patentability of this invention exists.

To assist the Examiner, the documents listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
Gerald F. Swiss  
Registration No. 30,113

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(650) 622-2300

Date:

FEB 19 2002

ATTORNEY'S DKT NO.  
002010-596

**APPLICATION No.**  
**09/987,619**

APPLICANT  
Thorsett, et al.

FILING DATE  
11/15/01

GROUP
Unassigned

U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	4,018,912		Okamoto, et al.	4/77
	4,018,913		Okamoto, et al.	4/77
	4,018,915		Okamoto, et al.	4/77
	4,036,955		Okamoto, et al.	7/77
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	4,069,318		Okamoto, et al.	1/78
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	4,097,591		Okamoto, et al.	7/78
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	5,397,801		Wagnon, et al.	3/14/95
	5,481,005		Wagnon, et al.	1/2/96
	5,578,633		Wagnon, et al.	11/26/96
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	60/032,786		Lin, et al.	12/96
	60/047,856		Durette, et al.	5/97
	60/047,954		Durette, et al.	5/97
	60/048,017		Durette, et al.	3/97
	60/066,525		Durette, et al.	11/97
	60/066,787		Durette, et al.	11/97
	60/066,831		Durette, et al.	11/97
	60/086,241		He, et al.	3/97
	08/821,825		He, et al.	3/97

(05/01)

APPLICATION No.  
09/987,619

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Thorsett, et al.

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Unassigned

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	WO 92/16549		PCT	10/1/92		
	WO 94/07815		PCT	4/14/94		
	WO 94/12181		PCT	6/9/94		
	WO 95/15973		PCT	6/15/95		
	WO 96/20725		PCT	7/11/96		
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	WO 98/04247		PCT	2/5/98		
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	WO 98/53817		PCT	12/3/98		
	WO 98/53818		PCT	12/3/98		
	WO 98/54207		PCT	12/3/98		
	WO 99/10312		PCT	3/4/99		
	WO 99/10313		PCT	3/4/99		
	AU 6147073		Australia	4/17/95		
	DE 2357334		Germany	6/6/74		
	DE 2655636		Germany	6/23/77		
	EP 0526348		Europe	2/3/93		
	9711143.9		Great Britain	5/30/97		
	9714314.3		Great Britain	7/7/97		
	9714316.8		Great Britain	7/7/97		
	9714335.8		Great Britain	7/7/97		
	9722674.0		Great Britain	10/27/97		
	9800680.2		Great Britain	1/14/98		
	9800684.4		Great Britain	1/14/98		
	9800686.9		Great Britain	1/14/98		
	JP 04154732		Japan	5/27/92		

(05/01)



Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT NO. 002010-596	APPLICATION NO. 09/987,619
	APPLICANT Thorsett, et al.	
	FILING DATE 11/15/01	GROUP Unassigned

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
	Simanis et al., <i>Int. J. Pept. Protein Res.</i> , (1982), 16:(1), pp. 67-70.	
	Leibritz, et al., <i>Tetrahedron</i> (1982), 38(14), pp. 2165-2181.	
	El-Naggar, et al., <i>Acta. Pharm. Jugosl.</i> , (1985), 35(1), pp. 15-22.	
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	Chemical Abstract No. 34164, Vol. 125, No. 3 (7/15/96)	
Examiner Signature	Date Considered	

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.